



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/811,535 Confirmation No. 2284
Applicant (s) : Marlin E. Walters, et al.
Filed : March 29, 2004
Examiner : Unknown
Title : MOLECULAR MELT AND METHODS FOR MAKING AND
USING THE MOLECULAR MELT
Docket No. : 60635F
Customer No. : 00109

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DATE OF SIGNATURE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to Applicant's duty of disclosure under 37 CFR §1.56, the Examiner's attention is directed to the information identified in the attached Form PTO 1449.

A copy of all cited patents and printed publications is enclosed. The Examiner is requested to review each reference and formulate his/her own understanding thereof.

Respectfully submitted,

Charles P. Wakefield
Charles P. Wakefield
Registration No. 37,749
Phone: (979) 238-2567

P. O. Box 1967
Midland, MI 48641-1967

CPW/alb

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Page 1 of 1



INFORMATION DISCLOSURE STATEMENT

(Use Several Sheets if necessary)

ATTY DOCKET NO.

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SERIAL NO.

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APPLICANT

Marlin E. Walters, et al.

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GROUP

1713

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
	3,058,944	10/1962	Breslow, et al.			
	3,203,936	8/1965	Breslow, et al.			
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	3,377,415	4/1968	Oppenlander			
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	3,645,992	2/1972	Elston			

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	797 917	10/1968	Canadian				
	1 024 296	1/1978	Canadian				
	1 219 389	3/1987	Canadian				
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OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

	R. A. Abramovitch, "Polar Radicals in Aromatic Substitution, <u>Intra-Science Chemistry Reports</u> , pp. 211-218, 1969
	R. A. Abramovitch et al., "Reaction of Sulphonyl Azides with Unstrained Olefins", <u>J. Chem. Soc.</u> , pp. 2169-2172, 1974
	R. A. Abramovitch et al., "Intramolecular Insertion of Arylsulfonylnitrenes into Aliphatic Side Chains, <u>J. Org. Chem.</u> , Vol. 42, No. 17, pp. 2920-2926, 1977.

EXAMINER	DATE CONSIDERED
*EXAMINER:	Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to Applicant.

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	0 595 252	5/1994	European				
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		5,414,027	5/1995	DeNicola, Jr., et al.			

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		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES <input type="checkbox"/> NO <input type="checkbox"/>
		0 702 032	3/1996	European			
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		N. Takashima et al., "The Processings of Crosslinked Plastics", <u>Kogaku Kogyo (Chemical Industry)</u> , pp. 378-383, 1969
		D. S. Breslow et al., "Thermal Reactions of Sulfonyl Azides", <u>J. Amer. Chem. Soc.</u> , Vol. 91, pp. 2273-2279, 1969
		Derwent Chemical Abstract No. 1977-02552Y of JP 51134762 A

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		5,491,019	2/1996	Kuo			
		5,519,785	5/1996	Hara			
		5,641,848	6/1997	Giacobbe, et al.			
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		5,844,045	12/1998	Kolthammer, et al.			
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		2 205 103 A	11/1988	United Kingdom			
		93/04486	3/1993	WO			
		96/07681	3/1996	WO			
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		97/20888	6/1997	WO			
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	M. Xanthos, "Interfacial Agents of Multiphase Polymer systems: Recent Advances", <u>Polymer Engineering and Science</u> , Vol. 28, pp. 1392-1400, 1988
	K. A. Chaffin et al., "Semicrystalline Blends of Polyethylene and Isotactic Polypropylene: Improving Mechanical Performance by Enhancing the Interfacial Structure", <u>Journal of Polymer Science: Part B: Polymer Physics</u> , Vol. 38, pp. 108-121, 2000
	E. P. Moore, <u>Polypropylene Handbook</u> , pp. 15-45, 1996
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	United States Patent Application Serial No. 09/133,576 filed August 13, 1998 (43324A), Craig Silvis et al., "In-Situ Rheology Modification of Polyolefins".
	United States Patent Application Serial No. 10/281,409 filed October 25, 2002 (60487E), Patricia Ansems et al., "Polyolefin Composition with Improved Impact Properties".

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		6,054,540	04/2000	Chaudhary, et al			
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		50-133248	10/1975	Japanese*					X
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	* Derwent Chemical Abstract No. 1977-88691Y for JP 50-133248
	Hen and Shetty, "Studies on Multilayer Film Coextrusion III. The Rheology of Blown Film Coextrusion", <u>Polymer Engineering and Science</u> , Vol. 18, No. 3, pp. 187-199, 1978
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The PTO did not receive the following
listed item(s).  Abstract No. 1977-88691Y

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		6,211,302	04/2001	Ho, et al				
		6,417,242	10/2001	Hughes, et al				
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		00/02961	01/2000	WO				
		00/52091	09/2000	WO				
		00/53669	09/2000	WO				
		00/78858	12/2000	WO				
		00/78861	12/2000	WO				
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